ORGANOMETALLICS

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2865-2867

L-2867-M1

Table I. Atomic Coordinates for Nonhydrogen Atoms in Crystalline $[Sn(C_6H_3(C_2H_5)_2)]_8$ [a]

Atom Type [b]	Fractional Coordinates 10^4x	10^4y	10^4z	Equivalent Isotropic Thermal Parameter, B, $Å^2 \times 10$ [c]
Sn_1	505(1)	-594(1)	2106(1)	44(1)
Sn_2	511(1)	-2778(1)	2118(1)	43(1)
Sn_3	-649(1)	-2752(1)	1692(1)	42(1)
Sn_4	-657(1)	-582(1)	1698(1)	43(1)
C_{1a}	1009(7)	439(14)	1881(7)	59(7)
C_{1b}	803(7)	1342(15)	1560(8)	81(9)
C_{1c}	1145(8)	2058(14)	1462(9)	85(10)
C_{1d}	1670(8)	1809(17)	1642(10)	99(11)
C_{1e}	1886(8)	871(18)	1918(10)	105(12)
C_{1f}	1566(8)	188(17)	2054(10)	81(10)
C_{1g}	187(10)	1706(19)	1375(12)	97(14)
C_{1h}	101(9)	2124(16)	1887(11)	115(13)
C_{1i}	1840(7)	-820(16)	2361(10)	116(12)
C_{1j}	1975(10)	-1586(18)	1989(12)	134(15)
C_{2a}	912(6)	-3704(12)	1697(7)	45(6)
C_{2b}	824(8)	-3517(17)	1140(8)	74(9)
C_{2c}	1081(10)	-4043(20)	849(10)	111(13)
C_{2d}	1390(10)	-4861(20)	1148(10)	112(13)
C_{2e}	1503(8)	-5082(20)	1724(10)	93(10)
C_{2f}	1241(7)	-4547(13)	2007(8)	68(8)
C_{2g}	452(10)	-2628(18)	761(8)	117(13)
C_{2h}	254(12)	-2601(28)	143(12)	184(17)

Table I. (continued)

Atom Type [b]	Fractional Coordinates 10^4x	10^4y	10^4z	Equivalent Isotropic Thermal Parameter, B, $Å^2$ x 10 [c]
C_{2i}	1323(11)	-4886(17)	2619(9)	119(12)
C_{2j}	1296(20)	-5697(22)	2806(15)	229(28)
C_{3a}	-1295(6)	-3702(11)	1047(6)	44(5)
C_{3b}	-1831(7)	-3539(14)	972(8)	70(7)
C_{3c}	-2231(10)	-4196(18)	611(10)	96(11)
C_{3d}	-2140(10)	-4929(20)	305(9)	98(11)
C_{3e}	-1641(10)	-5105(16)	355(9)	92(11)
C_{3f}	-1206(7)	-4446(15)	734(8)	69(8)
C_{3g}	-2011(7)	-2703(15)	1288(9)	87(10)
C_{3h}	-2330(10)	-1845(17)	896(10)	129(12)
C_{3i}	-624(9)	-4706(17)	803(10)	128(14)
C_{3j}	-320(11)	-5500(19)	1174(19)	194(23)
C_{4a}	-1149(6)	391(12)	924(7)	58(6)
C_{4b}	-1455(6)	1208(14)	982(10)	70(7)
C_{4c}	-1713(7)	1861(16)	514(11)	88(10)
C_{4d}	-1682(8)	1735(15)	-18(8)	105(9)
C_{4e}	-1410(10)	852(19)	-89(11)	94(11)
C_{4f}	-1123(7)	204(15)	390(7)	65(7)
C_{4g}	-1533(8)	1444(15)	1523(10)	93(10)
C_{4h}	-2063(10)	1579(29)	1450(11)	214(21)
C_{4i}	-815(8)	-747(16)	295(8)	87(9)
C_{4j}	-1208(11)	-1692(22)	34(10)	141(13)

[a] The numbers in parentheses are the estimated standard deviations in the last significant digit.
[b] Atoms are labeled in agreement with Figure 1.
[c] This is one-third of the trace of the orthogonalized B_{ij} tensor.

L-2867-M3

Table II. Anisotropic Thermal Parameters for Nonhydrogen Atoms in Crystalline $[Sn(C_6H_3(C_2H_5)_2)]_8$ [a,b]

Atom Type [c]	Anisotropic Thermal Parameters ($Å^2$ x 10)					
	B_{11}	B_{22}	B_{33}	B_{12}	B_{13}	B_{23}
Sn_1	40(1)	46(1)	45(1)	-4(1)	17(1)	5(1)
Sn_2	42(1)	43(1)	46(1)	2(1)	20(1)	-3(1)
Sn_3	41(1)	42(1)	39(1)	-4(1)	15(1)	-5(1)
Sn_4	37(1)	39(1)	44(1)	2(1)	8(1)	4(1)
C_{1a}	48(8)	78(12)	48(9)	-27(8)	19(7)	14(8)
C_{1b}	77(11)	100(15)	69(11)	-40(10)	34(9)	25(10)
C_{1c}	76(12)	71(12)	103(14)	-8(9)	36(11)	17(10)
C_{1d}	76(12)	105(17)	129(17)	-27(11)	59(12)	21(14)
C_{1e}	65(11)	110(19)	151(19)	3(12)	58(12)	15(15)
C_{1f}	53(11)	90(14)	106(15)	-5(10)	40(11)	10(12)
C_{1g}	78(14)	78(17)	137(23)	-18(14)	47(15)	38(18)
C_{1h}	102(17)	75(13)	173(21)	-1(11)	65(16)	2(13)
C_{1i}	47(9)	120(17)	182(21)	-7(10)	53(12)	69(16)
C_{1j}	130(19)	75(13)	205(24)	-7(15)	81(18)	-22(16)
C_{2a}	47(8)	46(9)	32(7)	18(6)	8(6)	4(6)
C_{2b}	80(12)	84(15)	58(9)	18(11)	30(9)	5(10)
C_{2c}	133(19)	141(21)	85(14)	37(16)	72(14)	-11(14)
C_{2d}	134(18)	138(20)	102(15)	41(16)	88(14)	-7(15)
C_{2e}	64(12)	117(19)	82(13)	36(12)	17(10)	-15(14)
C_{2f}	66(10)	62(11)	74(10)	-1(8)	29(8)	-24(9)
C_{2g}	151(20)	156(20)	80(13)	60(16)	85(14)	23(13)
C_{2h}	157(24)	284(32)	82(17)	116(22)	26(16)	57(19)

Table II. (continued)

Atom Type [c]	Anisotropic Thermal Parameters ($Å^2$ x 10)					
	B_{11}	B_{22}	B_{33}	B_{12}	B_{13}	B_{23}
C_{2i}	171(21)	114(18)	59(12)	105(17)	39(13)	21(12)
C_{2j}	501(55)	88(21)	163(24)	-51(29)	207(31)	-5(19)
C_{3a}	49(8)	44(8)	34(6)	-9(6)	13(6)	-12(6)
C_{3b}	53(10)	72(12)	62(9)	-28(9)	6(8)	-20(8)
C_{3c}	85(14)	92(16)	81(15)	-23(13)	9(11)	-17(12)
C_{3d}	76(16)	141(19)	67(12)	-62(16)	24(11)	-39(13)
C_{3e}	138(17)	70(12)	85(13)	-59(13)	63(13)	-54(11)
C_{3f}	60(10)	80(12)	69(11)	-1(9)	30(8)	-11(10)
C_{3g}	52(10)	92(13)	115(15)	-13(9)	35(10)	-25(12)
C_{3h}	126(17)	96(16)	111(16)	42(13)	3(13)	19(13)
C_{3i}	130(19)	126(21)	136(18)	-61(15)	67(16)	-113(17)
C_{3j}	88(16)	92(18)	356(46)	33(14)	59(22)	76(22)
C_{4a}	40(7)	56(10)	54(9)	-15(6)	-1(6)	16(7)
C_{4b}	36(8)	43(9)	100(13)	6(7)	1(8)	6(9)
C_{4c}	36(8)	66(13)	133(18)	-6(8)	12(10)	39(13)
C_{4d}	93(13)	103(15)	88(12)	-23(13)	12(10)	53(12)
C_{4e}	87(16)	116(18)	60(13)	-26(14)	16(12)	26(14)
C_{4f}	57(9)	83(12)	37(8)	-3(8)	4(7)	16(8)
C_{4g}	93(13)	69(14)	93(15)	39(10)	21(11)	-4(11)
C_{4h}	113(16)	432(52)	122(19)	92(26)	73(15)	27(29)
C_{4i}	85(13)	112(16)	57(10)	6(12)	26(9)	10(10)
C_{4j}	124(19)	163(24)	79(13)	11(20)	-5(12)	18(17)

[a] The numbers in parentheses are the estimated standard deviations in the last significant digit.

[b] The form of the anisotropic thermal parameter is given in reference 8 on page 6 of the structure report.

[c] Atoms are labeled in agreement with Figure 1.

Table III. Atomic Coordinates for Hydrogen Atoms in Crystalline $[Sn(C_6H_3(C_2H_5)_2)]_8$ [a]

Atom Type [b]	Fractional Coordinates 10^4x	10^4y	10^4y
H_{1c}	1005	2708	1282
H_{1d}	1905	2279	1572
H_{1e}	2258	690	2018
H_{1ga}	-35	1102	1241
H_{1gb}	81	2184	1054
H_{1ia}	2180	-629	2687
H_{1ib}	1606	-1133	2508
H_{2c}	1038	-3871	461
H_{2d}	1552	-5281	957
H_{2e}	1752	-5624	1932
H_{2ga}	667	-2021	916
H_{2gb}	142	-2616	847
H_{2ia}	1093	-4431	2707
H_{2ib}	1700	-4715	2862
H_{3c}	-2596	-4119	572
H_{3d}	-2437	-5352	43
H_{3e}	-1568	-5653	147
H_{3ga}	-1687	-2409	1596
H_{3gb}	-2224	-3023	1459
H_{3ia}	-417	-4084	932
H_{3ib}	-672	-4874	412
H_{4c}	-1922	2430	544
H_{4d}	-1837	2223	-334

Table III. (continued)

Atom Type [b]	Fractional Coordinates 10^4x	10^4y	10^4y
H_{4e}	-1425	687	-467
H_{4ga}	-1343	2073	1682
H_{4gb}	-1361	900	1799
H_{4ia}	-518	-931	667
H_{4ib}	-672	-545	24

[a] Since of the 8 terminal methyl groups did not give chemically reasonable C-C-H angles when refined as rigid rotors methyl hydrogens were omitted from the structure factor calculations. The remaining hydrogen atoms were included in the structure factor calculations as idealized atoms (assuming sp^2- or sp^3-hybridization of the carbon atoms and a C-H bond length of 0.96Å) "riding" on their respective carbon atoms. The isotropic thermal parameter of each hydrogen atom was fixed at 1.2 times the equivalent isotropic thermal parameter of the carbon atom to which it is covalently bonded.

[b] Hydrogen atoms are labeled with the same numerical and literal subscripts as the carbon atoms to which they are covalently bonded with an additional literal subscript (a or b) where necessary to distinguish between hydrogens bonded to the same atom.

Table IV. Bond Lengths Involving Nonhydrogen Atoms in Crystalline $[Sn(C_6H_3(C_2H_5)_2)]_8$ [a]

Type [b]	Length, Å	Type [b]	Length, Å
Sn_1-Sn_2	2.857(2)	Sn_2-Sn_3	2.853(2)
Sn_1-Sn_4	2.864(2)	Sn_2-Sn_3,[c]	2.855(2)
Sn_1-Sn_4,[c]	2.858(2)	Sn_3-Sn_4	2.839(2)
Sn_1-C_{1a}	2.17(2)	Sn_3-C_{3a}	2.18(1)
Sn_2-C_{2a}	2.20(2)	Sn_4-C_{4a}	2.22(2)
C_{1a}-C_{1b}	1.40(2)	C_{3a}-C_{3b}	1.40(3)
C_{1a}-C_{1f}	1.42(3)	C_{3a}-C_{3f}	1.34(3)
C_{1b}-C_{1c}	1.42(3)	C_{3b}-C_{3c}	1.37(3)
C_{1c}-C_{1d}	1.33(3)	C_{3c}-C_{3d}	1.32(4)
C_{1d}-C_{1e}	1.40(3)	C_{3d}-C_{3e}	1.33(4)
C_{1e}-C_{1f}	1.40(4)	C_{3e}-C_{3f}	1.44(3)
C_{2a}-C_{2b}	1.34(3)	C_{4a}-C_{4b}	1.40(3)
C_{2a}-C_{2f}	1.42(2)	C_{4a}-C_{4f}	1.40(3)
C_{2b}-C_{2c}	1.40(4)	C_{4b}-C_{4c}	1.37(3)
C_{2c}-C_{2d}	1.36(3)	C_{4c}-C_{4d}	1.39(4)
C_{2d}-C_{2e}	1.38(4)	C_{4d}-C_{4e}	1.43(4)
C_{2e}-C_{2f}	1.40(4)	C_{4e}-C_{4f}	1.40(3)
C_{1b}-C_{1g}	1.60(3)	C_{3b}-C_{3g}	1.56(3)
C_{1f}-C_{1i}	1.54(3)	C_{3f}-C_{3i}	1.56(3)
C_{2b}-C_{2g}	1.56(3)	C_{4b}-C_{4g}	1.50(4)
C_{2f}-C_{2i}	1.52(3)	C_{4f}-C_{4i}	1.58(3)

Table IV. (continued)

Type [b]	Length, Å	Type [b]	Length, Å
C_{1g}-C_{1h}	1.52(4)	C_{3g}-C_{3h}	1.49(3)
C_{1i}-C_{1j}	1.53(4)	C_{3i}-C_{3j}	1.40(4)
C_{2g}-C_{2h}	1.40(3)	C_{4g}-C_{4h}	1.39(4)
C_{2i}-C_{2j}	1.18(4)	C_{4i}-C_{4j}	1.58(3)

[a] The numbers in parentheses are the estimated standard deviations in the last significant digit.
[b] Atoms are labeled in agreement with Figure 1.
[c] Atoms labeled with a prime (') are related to nonprimed atoms by the crystallographic C_2-axis at 0,y,1/4 in the unit cell.

Table V. Bond Angles Involving Nonhydrogen Atoms in Crystalline $[Sn(C_6H_3(C_2H_5)_2)]_8$ [a]

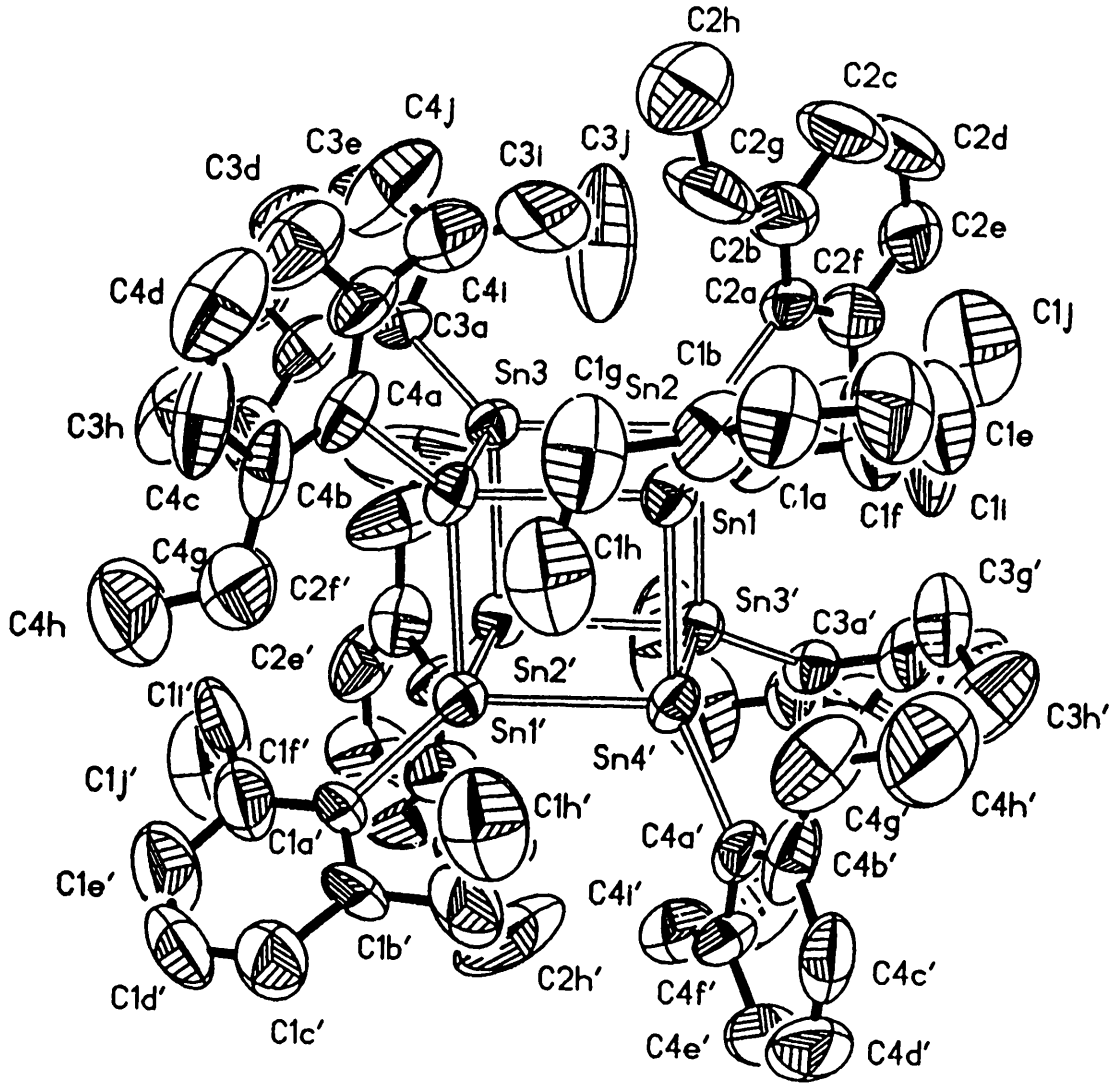
Type [b]	Angle, deg.	Type [b]	Angle, deg.
$Sn_2Sn_1Sn_4$	90.6(1)	$Sn_2Sn_1C_{1a}$	128.6(5)
$Sn_2Sn_1Sn_4$,[c]	89.8(1)	$Sn_4Sn_1C_{1a}$	129.0(4)
$Sn_4Sn_1Sn_4$,[c]	89.9(1)	Sn_4,Sn_1C_{1a}[c]	117.3(4)
$Sn_1Sn_2Sn_3$	89.1(1)	$Sn_1Sn_2C_{2a}$	123.3(4)
$Sn_1Sn_2Sn_3$,[c]	89.8(1)	$Sn_3Sn_2C_{2a}$	122.1(4)
$Sn_3Sn_2Sn_3$,[c]	90.2(1)	Sn_3,Sn_2C_{2a}[c]	130.8(4)
$Sn_2Sn_3Sn_4$	91.1(1)	$Sn_2Sn_3C_{3a}$	131.8(5)
$Sn_2Sn_3Sn_2$,[c]	89.8(1)	$Sn_4Sn_3C_{3a}$	124.7(4)
$Sn_4Sn_3Sn_2$,[c]	90.3(1)	Sn_2,Sn_3C_{3a}[c]	117.7(5)
$Sn_1Sn_4Sn_3$	89.2(1)	$Sn_1Sn_4C_{4a}$	117.4(5)
$Sn_1Sn_4Sn_1$,[c]	90.1(1)	$Sn_3Sn_4C_{4a}$	125.0(4)
$Sn_3Sn_4Sn_1$,[c]	90.1(1)	Sn_1,Sn_4C_{4a}[c]	133.0(5)
$Sn_1C_{1a}C_{1b}$	122(1)	$Sn_3C_{3a}C_{3b}$	117(1)
$Sn_1C_{1a}C_{1f}$	119(1)	$Sn_3C_{3a}C_{3f}$	124(1)
$C_{1b}C_{1a}C_{1f}$	118(2)	$C_{3b}C_{3a}C_{3f}$	119(1)
$C_{1a}C_{1b}C_{1c}$	122(2)	$C_{3a}C_{3b}C_{3c}$	118(2)
$C_{1a}C_{1b}C_{1g}$	121(2)	$C_{3a}C_{3b}C_{3g}$	126(1)
$C_{1c}C_{1b}C_{1g}$	116(2)	$C_{3c}C_{3b}C_{3g}$	116(2)
$C_{1b}C_{1c}C_{1d}$	118(2)	$C_{3b}C_{3c}C_{3d}$	123(2)
$C_{1c}C_{1d}C_{1e}$	122(2)	$C_{3c}C_{3d}C_{3e}$	121(2)
$C_{1d}C_{1e}C_{1f}$	121(2)	$C_{3d}C_{3e}C_{3f}$	118(2)
$C_{1a}C_{1f}C_{1e}$	118(2)	$C_{3a}C_{3f}C_{3e}$	121(2)

Table V. (continued)

Type [b]	Angle, deg.	Type [b]	Angle, deg.
$C_{1a}C_{1f}C_{1i}$	124(2)	$C_{3a}C_{3f}C_{3i}$	122(2)
$C_{1e}C_{1f}C_{1i}$	117(2)	$C_{3e}C_{3f}C_{3i}$	116(2)
$Sn_2C_{2a}C_{2b}$	121(1)	$Sn_4C_{4a}C_{4b}$	120(1)
$Sn_2C_{2a}C_{2f}$	119(1)	$Sn_4C_{4a}C_{4f}$	119(1)
$C_{2b}C_{2a}C_{2f}$	120(2)	$C_{4b}C_{4a}C_{4f}$	121(2)
$C_{2a}C_{2b}C_{2c}$	124(2)	$C_{4a}C_{4b}C_{4c}$	119(2)
$C_{2a}C_{2b}C_{2g}$	123(2)	$C_{4a}C_{4b}C_{4g}$	126(2)
$C_{2c}C_{2b}C_{2g}$	113(2)	$C_{4c}C_{4b}C_{4g}$	115(2)
$C_{2b}C_{2c}C_{2d}$	115(2)	$C_{4b}C_{4c}C_{4d}$	122(2)
$C_{2c}C_{2d}C_{2e}$	123(3)	$C_{4c}C_{4d}C_{4e}$	118(2)
$C_{2d}C_{2e}C_{2f}$	120(2)	$C_{4d}C_{4e}C_{4f}$	120(2)
$C_{2a}C_{2f}C_{2e}$	117(2)	$C_{4a}C_{4f}C_{4e}$	118(2)
$C_{2a}C_{2f}C_{2i}$	124(2)	$C_{4a}C_{4f}C_{4i}$	123(2)
$C_{2e}C_{2f}C_{2i}$	120(2)	$C_{4e}C_{4f}C_{4i}$	119(2)
$C_{1b}C_{1g}C_{1h}$	113(2)	$C_{3b}C_{3g}C_{3h}$	114(2)
$C_{1f}C_{1i}C_{1j}$	117(2)	$C_{3f}C_{3i}C_{3j}$	121(3)
$C_{2b}C_{2g}C_{2h}$	122(2)	$C_{4b}C_{4g}C_{4h}$	118(2)
$C_{2f}C_{2i}C_{2j}$	131(3)	$C_{4f}C_{4i}C_{4j}$	112(2)

[a] The numbers in parentheses are the estimated standard deviations in the last significant digit.
[b] Atoms are labeled in agreement with Figure 1.
[c] Atoms labeled with a prime (') are related to nonprimed atoms by the crystallographic C_2-axis at 0,y,1/4 in the unit cell.

Figure 2. Molecular structure of 1 with all nonhydrogen atoms represented by thermal vibration ellipsoids drawn to encompass 50% of their electron density. Atoms labeled with a prime (′) are related to nonprimed atoms by the crystallographic C_2-axis at 0,y,1/4 in the unit cell. Hydrogen atoms have been omitted for purposes of clarity.



Structure Factor Amplitude Tables for

$[Sn(C_6H_3(C_2H_5)_2)]_8$

2221 Reflections

Entries for each reflection include:

Miller Indices, F_o x 10, F_c x 10

H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL
2	0	0	9345	9901	4	6	0	964	937	1	1	1	7038	7479	-11	5	1	5400	5411
4	0	0	3276	3565	6	6	0	3463	3471	3	1	1	3525	3369	-9	5	1	8084	8140
6	0	0	5686	5464	8	6	0	4349	4297	5	1	1	3722	3571	-7	5	1	5708	5803
8	0	0	1061	1023	1	10	6	0	2971	2973	7	1	1	6143	5875	-3	5	1	4706	4703
10	0	0	7941	7739	12	6	0	1082	1069	9	1	1	4774	4684	-1	5	1	8240	8194
12	0	0	2709	2721	14	6	0	1190	1190	11	1	1	2778	2709	1	5	1	6829	6669
14	0	0	2431	2354	16	6	0	2081	2080	15	1	1	2140	2134	3	5	1	2679	2653
16	0	0	4514	4524	18	6	0	1353	1322	17	1	1	1469	1441	5	5	1	2544	2438
18	0	0	3652	3715	24	6	0	544	573	-18	2	1	734	821	7	5	1	5044	4951
20	0	0	1358	1317	11	7	0	686	567	-16	2	1	1185	1204	9	5	1	4311	4323
24	0	0	1143	1163	0	8	0	2658	2747	-14	2	1	731	754	11	5	1	1898	1790
26	0	0	732	859	2	8	0	2036	1998	-10	2	1	2233	2175	13	5	1	856	898
1	1	0	5202	5118	6	8	0	1343	1355	-8	2	1	3462	3344	15	5	1	1821	1724
3	1	0	2034	2181	8	8	0	1977	1951	-6	2	1	952	837	17	5	1	1651	1660
5	1	0	676	722	10	8	0	1540	1516	-4	2	1	4513	4540	8	6	1	857	759
7	1	0	4020	3845	16	8	0	1068	1046	-2	2	1	1022	1008	9	7	1	644	475
9	1	0	3983	4112	18	8	0	901	939	0	2	1	1086	1250	-20	8	1	903	945
11	1	0	1172	1083	1	9	0	5849	5768	2	2	1	1429	1510	-18	8	1	1627	1635
15	1	0	1252	1287	3	9	0	2496	2503	4	2	1	1034	962	-16	8	1	1844	1853
17	1	0	1697	1702	5	9	0	1297	1277	6	2	1	1499	1399	-12	8	1	1581	1655
19	1	0	954	1073	7	9	0	4398	4385	8	2	1	1036	977	-10	8	1	2834	2941
0	2	0	866	899	9	9	0	4628	4538	10	2	1	1065	983	-8	8	1	3359	3316
2	2	0	1585	1703	11	9	0	2495	2473	12	2	1	783	718	-6	8	1	1508	1508
4	2	0	3633	3365	15	9	0	1887	1883	-7	3	1	686	595	-4	8	1	1448	1478
8	2	0	2091	2070	17	9	0	2162	2194	-5	3	1	885	863	-2	8	1	3153	3130
16	2	0	754	649	19	9	0	1284	1301	-1	3	1	138	119	0	8	1	3581	3600
1	3	0	3516	3574	0	10	0	2131	2138	1	3	1	568	538	2	8	1	2481	2505
3	3	0	5002	4754	2	10	0	1539	1548	5	3	1	1437	1381	6	8	1	2176	2083
5	3	0	3123	2957	6	10	0	1257	1272	-26	4	1	1240	1284	8	8	1	2803	2683
7	3	0	5087	5083	8	10	0	1606	1571	-24	4	1	1062	1159	10	8	1	1600	1589
9	3	0	3781	3647	10	10	0	964	1007	-20	4	1	1600	1691	16	8	1	881	811
11	3	0	1821	1776	16	10	0	731	773	-18	4	1	3344	3374	-18	10	1	1732	1722
15	3	0	1514	1490	7	11	0	597	574	-16	4	1	3685	3818	-16	10	1	1841	1795
17	3	0	1925	1897	9	11	0	574	623	-14	4	1	1349	1439	-12	10	1	1227	1195
19	3	0	1164	1147	0	12	0	1337	1359	-12	4	1	2336	2469	-10	10	1	2782	2748
0	4	0	5746	5581	2	12	0	1112	1057	-10	4	1	7748	7876	-8	10	1	3125	3181
2	4	0	4686	4347	8	12	0	785	725	-8	4	1	7639	7577	-6	10	1	1835	1817
4	4	0	897	853	10	12	0	754	806	-6	4	1	2672	2649	-4	10	1	755	636
6	4	0	2349	2312	1	13	0	1016	1029	-4	4	1	2127	2089	-2	10	1	3118	3154
8	4	0	3598	3462	7	13	0	677	745	-2	4	1	8316	8145	0	10	1	4010	4031
10	4	0	3277	3192	9	13	0	795	780	0	4	1	9752	9556	2	10	1	2075	2104
12	4	0	1493	1491	0	14	0	1435	1331	2	4	1	6476	6273	6	10	1	2016	1944
14	4	0	781	806	2	14	0	947	952	4	4	1	967	882	8	10	1	2293	2358
16	4	0	1618	1747	-27	1	1	936	967	6	4	1	4482	4336	10	10	1	1703	1702
18	4	0	1797	1788	-25	1	1	1284	1316	8	4	1	6760	6431	14	10	1	884	856
1	5	0	4805	4803	-21	1	1	847	866	10	4	1	2984	2859	16	10	1	977	937
3	5	0	2277	2253	-19	1	1	2758	2739	12	4	1	634	714	-17	11	1	669	634
5	5	0	750	798	-17	1	1	4052	4120	14	4	1	1156	1318	-9	11	1	1039	956
7	5	0	3966	3918	-15	1	1	2875	2854	16	4	1	1994	1894	-7	11	1	782	821
9	5	0	4639	4542	-13	1	1	918	1016	18	4	1	1363	1321	-1	11	1	1069	1222
11	5	0	2516	2504	-11	1	1	4571	4618	-25	5	1	1216	1230	1	11	1	929	858
15	5	0	1918	2000	-9	1	1	8025	7827	-23	5	1	794	791	7	11	1	795	767
17	5	0	1358	1385	-7	1	1	9020	8817	-21	5	1	715	602	-11	13	1	1169	1280
19	5	0	1019	1062	-5	1	1	785	776	-19	5	1	2374	2517	-9	13	1	1907	1880
0	6	0	4634	4801	-3	1	1	4423	4494	-17	5	1	3661	3680	-7	13	1	1561	1494
2	6	0	4302	4349	-1	1	1	8365	8821	-15	5	1	3258	3351	-3	13	1	1187	1232

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[SN(C6H3(C2H5)2)]8

H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL
-1	13	1	2136	2113	8	2	2	700	578	0	6	2	3864	3828	-25	1	3	1610	1623
1	13	1	1703	1755	-27	3	2	839	914	2	6	2	1202	1264	-21	1	3	1816	1711
3	13	1	701	576	-25	3	2	1027	1063	4	6	2	731	761	-19	1	3	3938	3880
7	13	1	1309	1321	-21	3	2	842	904	6	6	2	1707	1729	-17	1	3	3764	3769
9	13	1	1357	1257	-19	3	2	2613	2594	8	6	2	2169	2188	-15	1	3	1518	1498
-6	14	1	820	733	-17	3	2	2905	2939	-20	8	2	755	831	-13	1	3	1210	1180
-4	14	1	659	600	-15	3	2	694	732	-18	8	2	1344	1304	-11	1	3	4800	4600
-2	14	1	1378	1474	-11	3	2	2876	2976	-16	8	2	1124	1108	-9	1	3	5692	5725
0	14	1	1749	1620	-9	3	2	4901	5006	-12	8	2	1286	1258	-7	1	3	1142	1128
2	14	1	898	1031	-7	3	2	3323	3386	-10	8	2	1998	2026	-5	1	3	778	803
-26	0	2	2511	2423	-3	3	2	3131	2951	-8	8	2	2188	2199	-3	1	3	3817	3874
-24	0	2	2068	2086	-1	3	2	4364	4424	-4	8	2	1128	1120	-1	1	3	4329	4570
-20	0	2	3969	3967	1	3	2	3260	3161	-2	8	2	1725	1808	1	1	3	1167	1049
-18	0	2	5891	5887	7	3	2	2742	2713	0	8	2	1891	1916	5	1	3	737	720
-16	0	2	5255	5370	9	3	2	2309	2248	2	8	2	1131	1123	7	1	3	1319	1310
-12	0	2	5696	5688	11	3	2	932	980	6	8	2	902	895	9	1	3	692	729
-10	0	2	9050	8773	-26	4	2	943	821	10	8	2	667	412	15	1	3	842	837
-8	0	2	10902	10419	-24	4	2	742	780	-21	9	2	1011	1094	17	1	3	1167	1143
-6	0	2	2360	2394	-20	4	2	1380	1466	-19	9	2	2457	2593	19	1	3	836	691
-4	0	2	2058	2140	-18	4	2	2288	2350	-17	9	2	2968	2936	23	1	3	856	835
-2	0	2	9479	10139	-16	4	2	1981	2006	-15	9	2	1661	1695	25	1	3	895	923
0	0	2	8817	9274	-12	4	2	1191	1329	-13	9	2	1028	1101	-18	2	3	1022	1130
2	0	2	4952	5116	-10	4	2	4739	4770	-11	9	2	3775	3706	-16	2	3	789	933
6	0	2	5210	4970	-8	4	2	4047	4019	-9	9	2	4856	4804	-10	2	3	1435	1368
8	0	2	5359	5190	-4	4	2	1856	1813	-7	9	2	3345	3504	-8	2	3	1059	1130
10	0	2	2855	2724	-2	4	2	3738	3600	-3	9	2	3296	3323	-2	2	3	1692	1720
14	0	2	1515	1506	0	4	2	3523	3521	-1	9	2	4399	4498	0	2	3	4019	3971
16	0	2	738	713	2	4	2	2038	2008	1	9	2	3334	3281	2	2	3	1327	1343
-27	1	2	686	745	4	4	2	2126	2050	3	9	2	830	808	4	2	3	2008	1891
-25	1	2	951	1023	6	4	2	2492	2401	5	9	2	1799	1702	10	2	3	784	679
-21	1	2	1069	852	10	4	2	644	811	7	9	2	2434	2366	14	2	3	761	666
-19	1	2	1955	1869	-25	5	2	955	1030	9	9	2	1558	1583	-1	3	3	787	877
-17	1	2	2321	2305	-21	5	2	918	1003	-20	10	2	617	617	1	3	3	588	606
-15	1	2	1613	1581	-19	5	2	1861	1918	-18	10	2	977	1046	3	3	3	933	933
-13	1	2	988	951	-17	5	2	2604	2762	-16	10	2	877	836	5	3	3	1465	1419
-11	1	2	2901	2994	-15	5	2	1460	1629	-12	10	2	763	734	7	3	3	676	587
-9	1	2	4191	4115	-13	5	2	1021	1086	-10	10	2	1326	1366	-26	4	3	1819	1861
-7	1	2	5784	5544	-11	5	2	2993	2969	-8	10	2	1349	1321	-24	4	3	1227	1266
-5	1	2	1294	1228	-9	5	2	4149	4203	-2	10	2	1480	1500	-22	4	3	764	789
-3	1	2	3297	3582	-7	5	2	2855	2915	0	10	2	1414	1389	-20	4	3	2685	2688
-1	1	2	3665	3855	-3	5	2	2814	2745	6	10	2	789	763	-18	4	3	4171	4225
1	1	2	3128	3211	-1	5	2	3822	3924	8	10	2	891	765	-16	4	3	3214	3460
5	1	2	1436	1460	1	5	2	3125	3066	-17	11	2	638	438	-12	4	3	3863	3974
7	1	2	2115	1950	5	5	2	1466	1462	-1	11	2	815	511	-10	4	3	4999	5072
9	1	2	1821	1788	7	5	2	2413	2360	-12	12	2	668	585	-8	4	3	4924	4847
-16	2	2	809	758	9	5	2	1415	1379	-10	12	2	753	874	-6	4	3	2538	2516
-12	2	2	1086	1054	-24	6	2	1053	998	-8	12	2	811	687	-4	4	3	2209	2177
-10	2	2	1082	1041	-20	6	2	1397	1419	-2	12	2	922	985	-2	4	3	4672	4632
-8	2	2	851	809	-18	6	2	2527	2591	0	12	2	966	975	0	4	3	3935	3846
-6	2	2	1811	1834	-16	6	2	2554	2686	-11	13	2	711	734	2	4	3	838	890
-4	2	2	1147	1194	-12	6	2	1889	1956	-9	13	2	839	837	6	4	3	1785	1687
-2	2	2	815	771	-10	6	2	3608	3607	-1	13	2	862	876	16	4	3	1117	1140
0	2	2	636	669	-8	6	2	3910	4074	-2	14	2	887	856	24	4	3	1018	1082
2	2	2	1089	963	-6	6	2	1280	1358	0	14	2	883	947	-25	5	3	1660	1658
4	2	2	2181	2218	-4	6	2	1681	1705	2	14	2	650	538	-21	5	3	1924	1885
6	2	2	975	1018	-2	6	2	3549	3611	-27	1	3	1608	1647	-19	5	3	2900	2935

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[SN(C6H3(C2H5)2)]8

H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL
-17	5	3	3699	3793	-14	0	4	1161	1189	17	3	4	1437	1509	14	8	4	745	535
-15	5	3	1808	1758	-12	0	4	4527	4544	19	3	4	800	627	16	8	4	855	903
-13	5	3	2153	2133	-10	0	4	5904	5648	23	3	4	764	741	-21	9	4	1368	1438
-11	5	3	4466	4446	-8	0	4	3540	3449	-26	4	4	981	951	-19	9	4	2243	2304
-9	5	3	5244	5385	-4	0	4	3084	3208	-20	4	4	831	911	-17	9	4	2128	2121
-7	5	3	2901	2934	-2	0	4	3052	3139	-18	4	4	1881	1887	-13	9	4	1409	1414
-3	5	3	3490	3598	0	0	4	562	641	-16	4	4	1076	1111	-11	9	4	2263	2211
-1	5	3	4365	4328	2	0	4	3324	3141	-12	4	4	1386	1407	-9	9	4	2071	2069
1	5	3	1589	1536	4	0	4	727	687	-10	4	4	2455	2427	-7	9	4	864	953
5	5	3	1011	1067	6	0	4	2327	2332	-8	4	4	1266	1264	-3	9	4	1105	1107
15	5	3	861	1015	8	0	4	2227	2246	-6	4	4	771	831	7	9	4	1234	1205
17	5	3	982	961	10	0	4	1694	1684	-4	4	4	694	732	9	9	4	1017	1015
19	5	3	664	679	14	0	4	2691	2720	-2	4	4	591	637	15	9	4	1667	1601
23	5	3	644	830	16	0	4	3675	3642	0	4	4	1203	1167	17	9	4	1712	1678
-10	6	3	880	796	18	0	4	1984	1998	4	4	4	562	530	-20	10	4	683	815
-2	6	3	741	655	22	0	4	1496	1522	8	4	4	1346	1301	-18	10	4	710	807
16	6	3	198	164	24	0	4	2168	2140	10	4	4	883	962	-12	10	4	966	913
-1	7	3	714	832	-27	1	4	1025	967	14	4	4	881	819	-10	10	4	1214	1018
-20	8	3	1400	1486	-25	1	4	766	721	16	4	4	1479	1514	16	10	4	850	687
-18	8	3	1842	1936	-21	1	4	871	1020	18	4	4	1039	1068	-10	12	4	655	692
-16	8	3	1403	1382	-19	1	4	1664	1661	-25	5	4	812	818	-27	1	5	1305	1260
-12	8	3	1661	1694	-17	1	4	1760	1785	-21	5	4	853	959	-25	1	5	1005	1007
-10	8	3	2649	2596	-15	1	4	754	781	-19	5	4	1957	1949	-21	1	5	1569	1437
-8	8	3	2208	2295	-13	1	4	2165	2080	-17	5	4	1579	1707	-19	1	5	1967	1972
-4	8	3	1494	1500	-11	1	4	2128	2188	-13	5	4	721	705	-17	1	5	1436	1455
-2	8	3	2285	2328	-9	1	4	1961	1917	-11	5	4	1632	1671	-13	1	5	831	835
0	8	3	1743	1756	-7	1	4	577	610	-9	5	4	1095	1131	-11	1	5	1738	1758
2	8	3	716	638	-1	1	4	1310	1273	-7	5	4	1131	1161	-1	1	5	1388	1344
4	8	3	726	668	1	1	4	1181	1065	-1	5	4	1292	1286	1	1	5	708	743
6	8	3	886	852	7	1	4	868	875	7	5	4	1118	1193	5	1	5	3000	2921
-20	10	3	1237	1314	11	1	4	787	741	9	5	4	873	881	7	1	5	4317	4397
-18	10	3	1944	1929	15	1	4	1528	1558	13	5	4	1006	1071	9	1	5	2881	2953
-16	10	3	1492	1423	17	1	4	1316	1379	15	5	4	1200	1178	11	1	5	187	173
-12	10	3	1421	1500	19	1	4	679	747	17	5	4	969	939	13	1	5	2135	2103
-10	10	3	2416	2392	23	1	4	931	901	19	5	4	703	700	15	1	5	3220	3214
-8	10	3	1834	1795	-4	2	4	1147	1064	-20	6	4	1589	1689	17	1	5	2217	2221
-4	10	3	1008	861	-2	2	4	3241	3271	-18	6	4	1654	1619	21	1	5	869	803
-2	10	3	1757	1781	0	2	4	1825	1786	-16	6	4	1124	1131	23	1	5	1526	1495
0	10	3	1446	1369	2	2	4	737	739	-12	6	4	1332	1418	-8	2	5	814	796
16	10	3	591	557	8	2	4	614	410	-10	6	4	2256	2309	-6	2	5	783	636
-17	11	3	644	667	-27	3	4	996	1029	-8	6	4	926	1041	-4	2	5	666	866
-9	11	3	658	793	-25	3	4	779	762	-2	6	4	1487	1536	-2	2	5	831	897
-11	13	3	1360	1292	-21	3	4	1067	1147	2	6	4	742	549	0	2	5	1328	1227
-9	13	3	1398	1455	-19	3	4	2370	2323	6	6	4	730	799	2	2	5	1197	1159
-7	13	3	987	854	-17	3	4	1693	1757	8	6	4	959	984	6	2	5	1755	1748
-3	13	3	980	925	-13	3	4	1074	900	10	6	4	813	836	8	2	5	899	950
-1	13	3	982	936	-11	3	4	2959	2905	14	6	4	1230	1176	16	2	5	1096	1020
1	13	3	637	656	-9	3	4	2141	2204	16	6	4	1431	1348	18	2	5	692	746
-2	14	3	1026	975	-5	3	4	968	996	18	6	4	1142	1066	-9	3	5	884	831
-28	0	4	2249	2221	-3	3	4	1572	1610	22	6	4	963	795	-7	3	5	838	864
-26	0	4	2468	2506	-1	3	4	1916	1817	-20	8	4	853	797	-5	3	5	821	760
-24	0	4	1229	1245	3	3	4	1409	1344	-18	8	4	775	763	-3	3	5	1078	1041
-22	0	4	1401	1464	5	3	4	553	482	-16	8	4	916	870	3	3	5	647	624
-20	0	4	3667	3673	7	3	4	803	718	-10	8	4	1432	1362	-26	4	5	1452	1374
-18	0	4	4791	4800	9	3	4	920	885	-8	8	4	1001	1009	-22	4	5	1070	1063
-16	0	4	3318	3423	15	3	4	1678	1556	6	8	4	782	574	-20	4	5	2076	2136

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[SN(C6H3(C2H5)2)]8

H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL
-18	4	5	1993	2041	10	10	5	658	703	13	3	6	1979	1820	-3	9	6	2631	2589
-16	4	5	989	937	12	10	5	778	663	15	3	6	2274	2216	-1	9	6	3127	3140
-12	4	5	750	864	14	10	5	1415	1397	17	3	6	1508	1483	1	9	6	1659	1654
-10	4	5	1351	1298	16	10	5	1451	1386	-10	4	6	936	924	3	9	6	1356	1240
-8	4	5	1730	1721	7	11	5	766	742	-8	4	6	682	484	5	9	6	3217	3177
-4	4	5	864	896	5	13	5	691	594	-6	4	6	1055	1163	7	9	6	3482	3482
-2	4	5	1124	1157	7	13	5	986	967	-4	4	6	2816	2819	9	9	6	2216	2254
0	4	5	3119	3008	-28	0	6	1321	1310	-2	4	6	1586	1529	13	9	6	2367	2265
2	4	5	1416	1339	-26	0	6	1113	1069	0	4	6	1954	1991	15	9	6	2739	2657
4	4	5	1774	1779	-20	0	6	1311	1227	4	4	6	2450	2381	17	9	6	1660	1633
6	4	5	4234	4136	-18	0	6	1185	1215	6	4	6	2889	2857	-2	10	6	1169	1213
8	4	5	3760	3718	-16	0	6	801	744	8	4	6	2348	2276	0	10	6	843	899
10	4	5	1661	1644	-10	0	6	1489	1480	12	4	6	869	866	6	10	6	1166	1271
12	4	5	914	839	-8	0	6	1616	1501	14	4	6	1828	1799	8	10	6	1148	1106
14	4	5	3243	3169	-6	0	6	2937	2814	16	4	6	1736	1690	14	10	6	905	943
16	4	5	3001	2994	-4	0	6	3382	3304	22	4	6	720	805	-1	11	6	664	506
18	4	5	1863	1816	-2	0	6	7502	7051	-9	5	6	696	769	-2	12	6	684	667
22	4	5	1672	1557	0	0	6	6619	6362	-5	5	6	1237	1287	6	12	6	739	716
-27	5	5	1485	1433	2	0	6	722	710	-3	5	6	2098	2252	8	12	6	709	717
-25	5	5	1118	1087	4	0	6	5032	4679	-1	5	6	2541	2547	-19	1	7	1003	983
-21	5	5	1634	1654	6	0	6	8184	7999	1	5	6	724	837	-13	1	7	2089	2137
-19	5	5	1858	1921	8	0	6	7464	7429	3	5	6	1149	1124	-11	1	7	3477	3544
-17	5	5	1470	1427	10	0	6	2074	2046	5	5	6	2691	2734	-9	1	7	3091	3074
-13	5	5	873	779	12	0	6	3140	3144	7	5	6	3389	3291	-5	1	7	3193	3243
-11	5	5	1162	1209	14	0	6	5620	5634	9	5	6	1636	1613	-3	1	7	8767	8455
-3	5	5	947	1024	16	0	6	4073	4107	13	5	6	1809	1807	-1	1	7	5593	5510
-1	5	5	1328	1342	18	0	6	2036	1984	15	5	6	2067	2144	1	1	7	1409	1363
1	5	5	1842	1889	22	0	6	2392	2407	17	5	6	1416	1346	3	1	7	2860	2797
5	5	5	2532	2532	-19	1	6	818	797	21	5	6	722	768	5	1	7	6594	6215
7	5	5	3444	3323	-11	1	6	1182	1104	-10	6	6	776	977	7	1	7	5515	5400
9	5	5	3051	3055	-5	1	6	929	982	-8	6	6	717	717	9	1	7	2251	2258
13	5	5	2443	2373	-3	1	6	889	883	-4	6	6	1808	1908	11	1	7	801	619
15	5	5	3123	3129	-1	1	6	6572	6186	-2	6	6	3251	3261	13	1	7	3292	3308
17	5	5	2290	2333	1	1	6	1406	1430	0	6	6	1796	1861	15	1	7	3291	3329
19	5	5	719	791	3	1	6	936	857	4	6	6	1945	1919	17	1	7	1634	1552
21	5	5	1024	989	5	1	6	2868	2830	6	6	6	3548	3546	21	1	7	1208	1154
-4	6	5	677	759	7	1	6	3493	3354	8	6	6	2809	2807	-12	2	7	768	742
2	6	5	822	656	9	1	6	1905	1778	10	6	6	689	757	-10	2	7	1631	1573
-20	8	5	925	1080	13	1	6	1786	1753	12	6	6	1008	1023	-8	2	7	617	581
-18	8	5	1038	1002	15	1	6	1957	1961	14	6	6	2312	2292	-6	2	7	783	684
-12	8	5	730	493	17	1	6	1655	1621	16	6	6	1993	2027	-4	2	7	1399	1358
-10	8	5	713	614	21	1	6	707	809	18	6	6	674	615	-2	2	7	2315	2321
0	8	5	919	971	23	1	6	1027	959	-15	7	6	292	251	0	2	7	1193	1208
4	8	5	795	628	-12	2	6	839	877	-8	8	6	282	235	4	2	7	2329	2201
6	8	5	1895	1900	-6	2	6	1161	1108	-4	8	6	933	918	6	2	7	1507	1411
8	8	5	1763	1669	-4	2	6	758	676	-2	8	6	1138	1217	8	2	7	744	765
14	8	5	1115	1102	-2	2	6	1685	1619	0	8	6	1051	1007	14	2	7	1191	1153
16	8	5	1423	1429	0	2	6	1683	1661	4	8	6	1159	1217	16	2	7	837	869
18	8	5	960	904	4	2	6	755	719	6	8	6	1460	1456	-13	3	7	724	665
-20	10	5	789	778	6	2	6	1072	983	8	8	6	1124	1163	-7	3	7	617	591
-18	10	5	842	869	-11	3	6	1054	1102	14	8	6	1175	1211	-3	3	7	634	609
-2	10	5	1152	1068	-3	3	6	3881	3747	16	8	6	1106	1226	1	3	7	1085	1023
0	10	5	787	958	-1	3	6	2830	2846	18	8	6	607	538	7	3	7	199	171
4	10	5	729	827	5	3	6	2821	2826	-9	9	6	1276	1438	-28	4	7	702	469
6	10	5	1509	1591	7	3	6	3996	3919	-7	9	6	865	720	-14	4	7	875	1041
8	10	5	1697	1768	9	3	6	1855	1848	-5	9	6	1211	1243	-12	4	7	2979	2919

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H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL
-10	4	7	3995	4170	-3	11	7	812	817	-15	3	8	797	922	-4	6	8	4159	4249
-8	4	7	1601	1713	-1	11	7	891	875	-13	3	8	2244	2322	-2	6	8	4349	4343
-6	4	7	2534	2548	5	11	7	964	997	-11	3	8	3722	3799	0	6	8	2575	2509
-4	4	7	5175	5154	7	11	7	776	752	-9	3	8	1544	1523	2	6	8	838	752
-2	4	7	6316	6375	-11	13	7	1018	901	-5	3	8	3173	3235	4	6	8	3328	3423
0	4	7	4537	4406	-9	13	7	787	722	-3	3	8	5185	5133	6	6	8	3743	3799
4	4	7	4999	5007	-5	13	7	771	818	-1	3	8	3797	3803	8	6	8	1772	1761
6	4	7	6604	6523	-3	13	7	1455	1433	1	3	8	1154	1206	12	6	8	1498	1545
8	4	7	4289	4265	-1	13	7	1428	1435	3	3	8	2868	2785	14	6	8	1912	1888
10	4	7	1045	1108	3	13	7	738	699	5	3	8	4605	4472	16	6	8	1166	1140
12	4	7	2721	2756	5	13	7	1529	1516	7	3	8	2788	2783	-12	8	8	1512	1517
14	4	7	3839	3819	-22	0	8	1557	1513	9	3	8	1156	1205	-10	8	8	1553	1480
16	4	7	2850	2852	-20	0	8	2843	2936	11	3	8	876	1002	-6	8	8	808	726
18	4	7	1042	1006	-18	0	8	2740	2744	13	3	8	1753	1801	-4	8	8	1873	1916
-15	5	7	384	359	-14	0	8	4076	4186	15	3	8	1478	1448	-2	8	8	2162	2037
-13	5	7	1831	1941	-12	0	8	6951	6898	17	3	8	775	779	0	8	8	1421	1397
-11	5	7	3302	3459	-10	0	8	7565	7518	-20	4	8	1049	891	4	8	8	1762	1752
-9	5	7	3194	3279	-8	0	8	3450	3484	-18	4	8	1091	1124	6	8	8	1702	1751
-5	5	7	2766	2879	-6	0	8	5050	4821	-14	4	8	1065	1158	8	8	8	1103	1146
-3	5	7	5968	6020	-4	0	8	9713	9659	-12	4	8	2527	2578	12	8	8	706	678
-1	5	7	5726	5749	-2	0	8	10509	10366	-10	4	8	2947	3121	14	8	8	1001	1018
1	5	7	2095	2009	0	0	8	6068	5779	-6	4	8	1878	1940	16	8	8	686	683
3	5	7	2528	2541	2	0	8	1982	1980	-4	4	8	3159	3181	-21	9	8	1156	1203
5	5	7	5512	5498	4	0	8	7898	7569	-2	4	8	4871	4842	-19	9	8	1321	1354
7	5	7	5571	5450	6	0	8	10041	9643	0	4	8	2374	2417	-15	9	8	856	884
9	5	7	2408	2432	8	0	8	5244	5093	2	4	8	1265	1191	-13	9	8	2496	2503
11	5	7	891	911	12	0	8	3749	3821	4	4	8	3122	3110	-11	9	8	3376	3363
13	5	7	3181	3174	14	0	8	4249	4243	6	4	8	3043	3025	-9	9	8	2608	2628
15	5	7	3348	3351	16	0	8	2803	2758	8	4	8	1851	1777	-5	9	8	3221	3240
17	5	7	1908	1935	18	0	8	657	782	12	4	8	1345	1525	-3	9	8	5035	4979
0	6	7	733	512	20	0	8	1169	1201	14	4	8	1613	1687	-1	9	8	3800	3824
11	7	7	308	295	-19	1	8	1003	928	16	4	8	1105	1007	3	9	8	2330	2326
-12	8	7	889	1119	-15	1	8	760	749	-19	5	8	1203	1320	5	9	8	4164	4131
-10	8	7	1647	1511	-13	1	8	1979	2045	-17	5	8	746	695	7	9	8	3683	3713
-8	8	7	968	864	-11	1	8	2673	2718	-15	5	8	863	842	9	9	8	1277	1283
-6	8	7	1072	1183	-9	1	8	2478	2427	-13	5	8	2403	2380	11	9	8	1183	1165
-4	8	7	2489	2544	-5	1	8	2608	2595	-11	5	8	2807	2917	13	9	8	2375	2310
-2	8	7	2859	2891	-3	1	8	4886	4850	-9	5	8	2419	2537	15	9	8	1884	1807
0	8	7	1961	2039	-1	1	8	3579	3499	-5	5	8	3215	3187	-12	10	8	1221	1287
4	8	7	2235	2237	3	1	8	2376	2311	-3	5	8	4441	4514	-10	10	8	989	993
6	8	7	2781	2768	5	1	8	3498	3303	-1	5	8	3221	3347	-4	10	8	1220	1307
8	8	7	2090	2102	7	1	8	3177	3083	3	5	8	1773	1793	-2	10	8	1499	1484
12	8	7	975	997	9	1	8	932	942	5	5	8	3693	3709	0	10	8	907	876
14	8	7	1840	1869	11	1	8	1182	1113	7	5	8	3028	2934	4	10	8	1438	1476
16	8	7	1396	1443	13	1	8	1435	1478	9	5	8	1111	1063	6	10	8	1452	1406
-12	10	7	1332	1291	15	1	8	1341	1483	11	5	8	769	695	8	10		823	717
-10	10	7	1429	1436	-14	2	8	865	850	13	5	8	1596	1599	12	10	8	657	721
-8	10	7	866	853	-12	2	8	1063	967	15	5	8	1634	1659	-5	11	8	648	454
-4	10	7	2304	2279	-10	2	8	1368	1342	17	5	8	705	719	-3	11	8	735	698
-2	10	7	2955	2981	-6	2	8	919	995	-20	6	8	924	1015	-1	11	8	658	428
0	10	7	1638	1651	-4	2	8	2256	2225	-18	6	8	1436	1388	5	11	8	624	616
4	10	7	1951	1912	-2	2	8	1013	943	-14	6	8	1313	1407	-6	12	8	659	520
6	10	7	3149	3079	4	2	8	716	664	-12	6	8	2919	2910	-4	12	8	821	793
8	10	7	1958	1974	8	2	8	781	667	-10	6	8	3007	3227	-2	12	8	807	797
12	10	7	1258	1224	-21	3	8	1126	1042	-8	6	8	1122	1151	4	12	8	830	747
14	10	7	1699	1671	-19	3	8	1296	1318	-6	6	8	1598	1706	6	12	8	1023	1012

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H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL
-11	13	8	729	657	-17	5	9	1488	1399	-9	13	9	768	817	-3	3	10	3203	3197
-5	13	8	599	685	-15	5	9	1873	1932	-5	13	9	1372	1428	-1	3	10	2772	2704
-3	13	8	676	834	-13	5	9	4761	4826	-3	13	9	1791	1787	3	3	10	2155	2191
-29	1	9	643	684	-11	5	9	5224	5496	-1	13	9	1294	1228	5	3	10	2199	2169
-27	1	9	793	741	-9	5	9	2734	2891	-28	0	10	1674	1605	7	3	10	1580	1601
-23	1	9	1301	1233	-7	5	9	971	993	-26	0	10	786	770	11	3	10	1078	981
-21	1	9	2475	2328	-5	5	9	4829	4832	-24	0	10	1307	1262	-28	4	10	740	711
-19	1	9	2840	2879	-3	5	9	7546	7585	-22	0	10	3801	3893	-24	4	10	674	691
-17	1	9	1243	1308	-1	5	9	4483	4516	-20	0	10	4865	4884	-22	4	10	1296	1324
-15	1	9	1863	1913	3	5	9	3596	3661	-18	0	10	3371	3364	-20	4	10	1807	1760
-13	1	9	5017	5174	5	5	9	5049	5153	-16	0	10	828	898	-18	4	10	1353	1331
-11	1	9	6518	6569	7	5	9	3104	3181	-14	0	10	6709	6552	-16	4	10	911	904
-9	1	9	3198	3208	9	5	9	784	822	-12	0	10	9431	9427	-14	4	10	2339	2419
-7	1	9	1423	1400	11	5	9	1180	1140	-10	0	10	6439	6558	-12	4	10	2799	2917
-5	1	9	5897	5892	13	5	9	2031	2149	-8	0	10	931	878	-10	4	10	2526	2507
-3	1	9	7603	7386	15	5	9	1644	1675	-6	0	10	6631	6590	-6	4	10	1793	1761
-1	1	9	5418	5270	19	5	9	625	437	-4	0	10	8988	8806	-4	4	10	4366	4422
3	1	9	4422	4240	-2	6	9	810	905	-2	0	10	7145	6818	-2	4	10	2946	2954
5	1	9	5522	5436	-1	7	9	703	514	0	0	10	2949	2858	2	4	10	945	976
7	1	9	3695	3769	-22	8	9	1129	1008	2	0	10	2503	2510	4	4	10	2098	2223
9	1	9	747	741	-20	8	9	1338	1303	4	0	10	6144	6103	6	4	10	1848	1749
11	1	9	1619	1587	-18	8	9	919	819	6	0	10	4315	4305	-27	5	10	642	629
13	1	9	2059	2143	-14	8	9	1618	1636	8	0	10	1581	1493	-23	5	10	1189	1190
15	1	9	1372	1403	-12	8	9	2473	2549	10	0	10	684	660	-21	5	10	1845	1962
-12	2	9	996	982	-10	8	9	2443	2353	12	0	10	1721	1783	-19	5	10	1734	1774
-10	2	9	1932	1932	-6	8	9	2167	2129	14	0	10	1288	1361	-15	5	10	1543	1657
-6	2	9	707	688	-4	8	9	3324	3390	-29	1	10	671	582	-13	5	10	3042	3193
-4	2	9	2496	2420	-2	8	9	2882	2879	-21	1	10	1795	1849	-11	5	10	3162	3313
-2	2	9	1995	1979	0	8	9	1076	1100	-19	1	10	1779	1814	-9	5	10	1419	1477
2	2	9	986	1017	2	8	9	1028	988	-15	1	10	1344	1303	-7	5	10	786	984
6	2	9	880	946	4	8	9	2204	2119	-13	1	10	2579	2573	-5	5	10	2852	2977
8	2	9	639	763	6	8	9	2357	2286	-11	1	10	3258	3241	-3	5	10	3874	3950
-1	3	9	613	592	8	8	9	1058	1143	-9	1	10	815	927	-1	5	10	1845	1849
-28	4	9	714	728	12	8	9	1131	1094	-7	1	10	1534	1456	3	5	10	2145	2093
-24	4	9	718	693	14	8	9	1202	1170	-5	1	10	2676	2630	5	5	10	2040	2071
-22	4	9	2099	2151	-20	10	9	1517	1517	-3	1	10	3002	2971	7	5	10	1116	1196
-20	4	9	2730	2727	-18	10	9	1238	1254	-1	1	10	2112	2162	-22	6	10	1404	1436
-18	4	9	2147	2167	-14	10	9	1672	1689	1	1	10	775	681	-20	6	10	2130	2155
-14	4	9	3386	3507	-12	10	9	2684	2659	3	1	10	1768	1816	-18	6	10	1363	1484
-12	4	9	5461	5582	-10	10	9	2381	2461	5	1	10	1508	1533	-16	6	10	764	564
-10	4	9	5511	5670	-6	10	9	1834	1849	7	1	10	1297	1328	-14	6	10	2365	2426
-8	4	9	1419	1423	-4	10	9	3020	3015	11	1	10	709	504	-12	6	10	3529	3593
-6	4	9	3977	4126	-2	10	9	2660	2697	13	1	10	772	747	-10	6	10	2626	2728
-4	4	9	7922	7881	0	10	9	1111	1227	-12	2	10	698	603	-6	6	10	2405	2454
-2	4	9	6625	6631	2	10	9	668	676	-4	2	10	1599	1606	-4	6	10	3131	3124
0	4	9	1365	1329	4	10	9	2184	2226	-2	2	10	1089	1042	-2	6	10	3110	3042
2	4	9	1912	1840	6	10	9	2134	2121	-29	3	10	724	640	2	6	10	1318	1300
4	4	9	4695	4595	8	10	9	1012	993	-23	3	10	1104	1079	4	6	10	2073	2072
6	4	9	4551	4556	12	10	9	1056	1001	-21	3	10	1771	1710	6	6	10	1426	1416
8	4	9	2582	2614	-19	11	9	627	585	-19	3	10	1848	953	12	6	10	812	740
12	4	9	2237	2155	-11	11	9	834	951	-15	3	10	1666	1656	-22	8	10	781	746
14	4	9	2161	2151	-5	11	9	878	794	-13	3	10	3225	3227	-20	8	10	898	1043
16	4	9	1056	1066	-3	11	9	910	934	-11	3	10	3701	3655	-14	8	10	1313	1361
-23	5	9	1300	1261	-1	11	9	764	676	-9	3	10	1862	1901	-12	8	10	1590	1659
-21	5	9	2314	2213	3	11	9	643	673	-7	3	10	1882	1964	-10	8	10	1094	1040
-19	5	9	2714	2745	-11	13	9	1571	1511	-5	3	10	3255	3302	-8	8	10	838	866

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H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL
-4	8	10	1719	1757	-14	2	11	748	706	-4	10	11	1778	1769	-12	4	12	1839	1887
-2	8	10	1808	1819	-10	2	11	960	928	-2	10	11	1257	1249	-10	4	12	1025	821
4	8	10	1114	1073	-8	2	11	852	897	2	10	11	1014	885	-6	4	12	1761	1959
6	8	10	1205	1132	-6	2	11	761	730	4	10	11	875	852	-4	4	12	858	916
-23	9	10	1317	1413	-4	2	11	951	842	-11	11	11	786	528	14	4	12	793	571
-21	9	10	2254	2318	-2	2	11	636	586	-7	13	11	741	633	-23	5	12	1306	1362
-19	9	10	2159	2204	0	2	11	622	601	-5	13	11	1223	1184	-21	5	12	1639	1625
-15	9	10	1901	1905	-28	4	11	1382	1299	-3	13	11	1089	1049	-19	5	12	1233	1215
-13	9	10	3761	3859	-24	4	11	1387	1471	-28	0	12	1727	1738	-15	5	12	1453	1411
-11	9	10	3675	3702	-22	4	11	3000	3066	-24	0	12	2239	2192	-13	5	12	2047	2069
-9	9	10	1454	1379	-20	4	11	3125	3178	-22	0	12	3683	3669	-11	5	12	1594	1657
-7	9	10	1262	1290	-18	4	11	1685	1645	-20	0	12	3848	3863	-5	5	12	1575	1616
-5	9	10	3652	3719	-16	4	11	1471	1503	-18	0	12	1482	1583	-3	5	12	919	952
-3	9	10	4082	4043	-14	4	11	3912	4006	-16	0	12	2459	2431	13	5	12	751	574
-1	9	10	1992	1958	-12	4	11	4513	4718	-14	0	12	4915	4783	-24	6	12	782	784
3	9	10	2175	2219	-10	4	11	3161	3417	-12	0	12	5215	5281	-22	6	12	1675	1608
5	9	10	2739	2768	-6	4	11	3157	3305	-10	0	12	2463	2467	-20	6	12	1447	1542
7	9	10	1461	1545	-4	4	11	4874	4885	-8	0	12	890	922	-14	6	12	1713	1784
11	9	10	786	837	-2	4	11	3336	3326	-6	0	12	3781	3739	-12	6	12	1949	1926
13	9	10	915	842	2	4	11	1445	1368	-4	0	12	4200	4229	-10	6	12	1051	1162
-20	10	10	815	799	4	4	11	2012	2049	-2	0	12	1080	1130	-8	6	12	1035	1016
-18	10	10	691	632	6	4	11	1615	1562	0	0	12	781	714	-4	6	12	1158	1211
-14	10	10	1016	1001	-27	5	11	981	1024	2	0	12	733	734	12	6	12	719	615
-12	10	10	1429	1403	-23	5	11	2196	2144	12	0	12	1284	1312	14	6	12	680	760
-10	10	10	854	770	-21	5	11	3234	3282	14	0	12	1340	1312	-22	8	12	919	947
-6	10	10	889	864	-19	5	11	2537	2521	16	0	12	785	856	-20	8	12	1109	987
-4	10	10	1209	1200	-15	5	11	2633	2588	-23	1	12	1079	893	-12	8	12	1049	1064
-2	10	10	1022	1037	-13	5	11	4333	4446	-21	1	12	1505	1496	-23	9	12	1567	1542
2	10	10	664	771	-11	5	11	4185	4241	-19	1	12	1401	1461	-21	9	12	2161	2138
4	10	10	894	956	-9	5	11	1088	1082	-15	1	12	1485	1444	-19	9	12	1625	1637
6	10	10	653	573	-7	5	11	2196	2239	-13	1	12	2234	2262	-15	9	12	1931	1888
-11	11	10	668	614	-5	5	11	4095	4186	-11	1	12	1425	1446	-13	9	12	2565	2658
-14	12	10	867	770	-3	5	11	4044	4156	-5	1	12	1022	1027	-11	9	12	1935	1930
-12	12	10	981	971	-1	5	11	1045	988	-3	1	12	1909	1882	-7	9	12	1141	1254
-4	12	10	881	844	1	5	11	848	1094	-1	1	12	633	591	-5	9	12	1895	1956
-2	12	10	791	808	3	5	11	1909	1881	13	1	12	688	639	-3	9	12	1217	1303
4	12	10	706	694	5	5	11	1620	1613	-14	2	12	827	770	-20	10	12	766	630
-5	13	10	857	771	17	5	11	317	318	-12	2	12	709	705	-14	10	12	911	815
-3	13	10	664	755	-24	8	11	858	827	-10	2	12	725	700	-12	10	12	677	804
-29	1	11	1266	1342	-22	8	11	1390	1461	-29	3	12	930	890	-8	10	12	712	430
-27	1	11	1128	1033	-20	8	11	1444	1558	-25	3	12	814	677	-6	10	12	676	650
-23	1	11	2358	2280	-16	8	11	863	824	-23	3	12	1331	1338	-4	10	12	666	418
-21	1	11	2921	2933	-14	8	11	2151	2069	-21	3	12	1772	1703	-14	12	12	784	730
-19	1	11	2527	2569	-12	8	11	2487	2544	-19	3	12	1278	1358	-12	12	12	769	773
-15	1	11	3005	2933	-10	8	11	1471	1371	-15	3	12	1963	2032	-29	1	13	1211	1156
-13	1	11	4701	4746	-6	8	11	1654	1732	-13	3	12	2303	2354	-25	1	13	841	804
-11	1	11	4214	4269	-4	8	11	2620	2562	-11	3	12	1819	1891	-23	1	13	2014	1912
-9	1	11	1635	1636	-2	8	11	1282	1384	-7	3	12	1288	1365	-21	1	13	2080	2137
-7	1	11	2376	2389	2	8	11	936	831	-5	3	12	816	856	-19	1	13	1025	1128
-5	1	11	4072	4173	4	8	11	1251	1190	-3	3	12	1096	1084	-15	1	13	1544	1639
-3	1	11	3004	30	-20	10	11	1552	1523	-1	3	12	749	764	-13	1	13	1957	1968
-1	1	11	2015	208	-18	10	11	1006	913	-24	4	12	851	938	-11	1	13	1210	1179
3	1	11	2129	2105	-14	10	11	1672	1806	-22	4	12	1511	1561	-7	1	13	747	869
5	1	11	1669	1602	-12	10	11	2425	2429	-20	4	12	1613	1681	-1	1	13	629	581
7	1	11	690	635	-10	10	11	1586	1528	-16	4	12	1212	1409	3	1	13	1255	1358
-20	2	11	789	774	-6	10	11	1543	1611	-14	4	12	1941	1941	5	1	13	1612	1579

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H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL
11	1	13	1473	1447	12	0	14	3066	3122	4	10	14	723	711	0	10	15	870	745
13	1	13	1538	1559	14	0	14	2186	2298	6	10	14	635	517	2	10	15	1646	1589
15	1	13	909	941	-29	1	14	688	492	-15	1	15	966	885	4	10	15	1461	1478
-4	2	13	854	745	-23	1	14	842	678	-13	1	15	1091	1183	-22	0	16	1023	1030
4	2	13	387	344	-5	1	14	740	732	-11	1	15	918	962	-16	0	16	2467	2595
14	2	13	704	563	-3	1	14	1243	1174	-9	1	15	901	804	-14	0	16	3629	3669
-28	4	13	965	978	1	1	14	842	873	-7	1	15	2363	2526	-12	0	16	2587	2539
-24	4	13	1347	1309	3	1	14	1252	1249	-5	1	15	2731	2755	-10	0	16	704	674
-22	4	13	2097	2069	5	1	14	1710	1698	-3	1	15	1807	1838	-8	0	16	4115	4074
-20	4	13	1902	1923	11	1	14	1078	1177	1	1	15	2435	2410	-6	0	16	5494	5458
-18	4	13	777	744	13	1	14	1039	1000	3	1	15	3300	3256	-4	0	16	4824	4821
-16	4	13	1173	1210	0	2	14	803	729	5	1	15	2525	2538	-2	0	16	1490	1479
-14	4	13	2381	2436	-29	3	14	648	546	9	1	15	1265	1292	0	0	16	3053	3033
-12	4	13	1917	1985	-23	3	14	1025	914	11	1	15	2186	2203	2	0	16	5178	5134
4	4	13	1503	1505	-21	3	14	1009	901	13	1	15	1546	1744	4	0	16	4167	4213
6	4	13	1357	1421	-7	3	14	721	425	15	1	15	844	683	6	0	16	1639	1616
10	4	13	1030	1030	-3	3	14	812	707	-6	2	15	1055	1028	8	0	16	856	980
12	4	13	1706	1724	3	3	14	1704	1679	-4	2	15	1038	996	10	0	16	2640	2621
14	4	13	1448	1549	5	3	14	1759	1717	4	2	15	909	969	12	0	16	2541	2651
-25	5	13	811	721	9	3	14	660	767	10	2	15	670	657	14	0	16	1326	1392
-23	5	13	1855	1860	11	3	14	1346	1323	-14	4	15	1042	1135	-15	1	16	821	917
-21	5	13	1959	1918	13	3	14	1138	963	-12	4	15	991	981	-13	1	16	1344	1305
-19	5	13	1176	1029	15	3	14	724	680	-8	4	15	1229	1420	-11	1	16	771	643
-15	5	13	1410	1556	-24	4	14	731	662	-6	4	15	2732	2821	-7	1	16	1733	1765
-13	5	13	1804	1851	-22	4	14	962	935	-4	4	15	2947	3056	-5	1	16	2230	2281
-11	5	13	1072	1113	-4	4	14	1043	1013	-2	4	15	1093	1073	-3	1	16	1530	1362
1	5	13	823	584	2	4	14	1344	1387	0	4	15	1150	1267	1	1	16	1682	1704
3	5	13	1061	1011	4	4	14	1347	1548	2	4	15	3031	3031	3	1	16	1979	2106
5	5	13	1294	1263	6	4	14	859	778	4	4	15	3384	3306	5	1	16	1015	1158
7	5	13	845	971	10	4	14	914	841	6	4	15	1787	1854	9	1	16	731	777
11	5	13	1312	1305	12	4	14	1146	1081	10	4	15	1907	1889	11	1	16	1266	1261
13	5	13	1880	1897	-5	5	14	1163	1150	12	4	15	2216	2273	13	1	16	717	771
15	5	13	1057	1136	-3	5	14	846	769	-13	5	15	1237	1276	-16	2	16	798	540
-23	7	13	338	312	1	5	14	916	1036	-11	5	15	946	959	-8	2	16	734	681
-24	8	13	810	777	3	5	14	1667	1819	-7	5	15	2190	2253	-6	2	16	891	992
-22	8	13	1346	1268	5	5	14	1249	1282	-5	5	15	3224	3299	-17	3	16	876	862
-20	8	13	1005	958	11	5	14	1021	1142	-3	5	15	1949	2161	-15	3	16	1354	1339
-14	8	13	1231	1199	13	5	14	1175	1209	1	5	15	2232	2322	-13	3	16	1148	1227
-12	8	13	1031	1060	-22	6	14	822	779	3	5	15	3207	3274	-7	3	16	1858	1756
12	8	13	708	705	-20	6	14	691	438	5	5	15	2381	2431	-5	3	16	2153	2174
-20	10	13	915	782	-6	6	14	834	997	9	5	15	1205	1215	-3	3	16	1311	1289
-14	10	13	724	862	-4	6	14	1525	1516	11	5	15	2251	2243	1	3	16	1924	1834
4	10	13	893	878	2	6	14	1124	1175	13	5	15	1705	1731	3	3	16	2021	1978
6	10	13	715	769	4	6	14	1705	1748	-8	8	15	601	562	5	3	16	1298	1243
-28	0	14	1008	1045	6	6	14	1055	1067	-6	8	15	1408	1442	9	3	16	799	749
-24	0	14	1445	1423	10	6	14	1028	1142	-4	8	15	1341	1265	11	3	16	1218	1234
-22	0	14	1415	1471	12	6	14	1456	1419	2	8	15	1289	1301	13	3	16	1111	1138
-20	0	14	1289	1359	4	8	14	719	725	4	8	15	1435	1499	-16	4	16	1025	965
-8	0	14	882	671	-21	9	14	981	891	6	8	15	833	854	-14	4	16	1040	1111
-6	0	14	1574	1428	-5	9	14	853	1030	-16	10	15	629	435	-8	4	16	1129	1245
-4	0	14	2020	1909	-3	9	14	956	931	-14	10	15	717	785	-6	4	16	2149	2208
-2	0	14	1878	1843	1	9	14	920	769	-12	10	15	712	794	-4	4	16	1799	1861
2	0	14	3542	3442	3	9	14	1896	1940	-8	10	15	986	873	0	4	16	1191	1095
4	0	14	4154	4122	5	9	14	1879	1863	-6	10	15	1328	1334	2	4	16	2146	1962
6	0	14	2431	2513	7	9	14	715	739	-4	10	15	1359	1400	4	4	16	1828	1906
10	0	14	2265	2289	9	9	14	635	587	-2	10	15	802	710	6	4	16	770	591

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H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL
10	4	16	1139	1103	11	1	17	1394	1372	-24	0	18	2126	2125	-23	5	18	1224	1225
12	4	16	948	993	-22	2	17	694	404	-22	0	18	1915	1942	-21	5	18	697	619
-15	5	16	1285	1243	-14	2	17	777	545	-20	0	18	1030	854	-17	5	18	1353	1340
-13	5	16	1529	1559	-6	2	17	1134	1034	-18	0	18	1691	1619	-15	5	18	1981	2054
-9	5	16	912	930	4	2	17	974	906	-16	0	18	4173	4085	-13	5	18	1412	1417
-7	5	16	2110	2186	-26	4	17	699	587	-14	0	18	4864	4801	-9	5	18	1128	1100
-5	5	16	2228	2184	-24	4	17	998	1062	-12	0	18	2641	2585	-7	5	18	1799	1768
-3	5	16	1238	1274	-22	4	17	1196	1184	-10	0	18	1919	1793	-5	5	18	2004	1945
1	5	16	1619	1661	-18	4	17	880	1004	-8	0	18	4401	4365	-1	5	18	797	699
3	5	16	2093	2012	-16	4	17	2605	2656	-6	0	18	5112	5111	1	5	18	1321	1370
5	5	16	1492	1463	-14	4	17	2894	2934	-4	0	18	3444	3338	3	5	18	1432	1454
9	5	16	1026	979	-12	4	17	1884	1857	0	0	18	2967	2986	9	5	18	664	625
11	5	16	1281	1221	-8	4	17	3083	3173	2	0	18	3376	3351	-24	6	18	1153	1100
-16	6	16	1110	1036	-6	4	17	4146	4152	4	0	18	2225	2287	-22	6	18	1121	1210
-14	6	16	1627	1572	-4	4	17	3059	3063	8	0	18	1324	1297	-18	6	18	729	845
-12	6	16	1317	1434	0	4	17	2323	2333	10	0	18	1696	1688	-16	6	18	1833	1830
-8	6	16	1334	1334	2	4	17	3107	3101	-23	1	18	898	800	-14	6	18	1927	1944
-6	6	16	2363	2444	4	4	17	2452	2471	-21	1	18	756	696	-12	6	18	874	829
-4	6	16	2164	2182	6	4	17	838	734	-17	1	18	1264	1245	-8	6	18	1621	1706
0	6	16	941	955	8	4	17	1026	977	-15	1	18	1465	1338	-6	6	18	1965	2063
2	6	16	2277	2324	10	4	17	1661	1660	-13	1	18	1303	1210	-4	6	18	947	1095
4	6	16	1942	1921	-25	5	17	936	882	-9	1	18	1036	1053	0	6	18	1157	1219
10	6	16	1208	1245	-23	5	17	1201	1241	-7	1	18	2137	2135	2	6	18	1369	1470
-6	8	16	1034	1071	-21	5	17	1047	923	-5	1	18	1565	1591	4	6	18	808	876
-4	8	16	940	889	-17	5	17	1399	1533	1	1	18	1058	997	-14	8	18	726	858
2	8	16	1181	1021	-15	5	17	2571	2649	3	1	18	813	1070	-8	8	18	991	1026
4	8	16	1180	1188	-13	5	17	2650	2698	9	1	18	666	707	-6	8	18	922	966
-17	9	16	816	814	-11	5	17	882	871	11	1	18	811	663	2	8	18	909	869
-15	9	16	1642	1607	-9	5	17	1839	1845	-16	2	18	903	668	4	8	18	766	688
-13	9	16	1673	1626	-7	5	17	3503	3527	-8	2	18	763	647	-17	9	18	1657	1662
-11	9	16	706	526	-5	5	17	3406	3460	0	2	18	766	707	-15	9	18	2362	2360
-9	9	16	1010	999	-3	5	17	1711	1633	-25	3	18	892	792	-13	9	18	1859	1838
-7	9	16	2314	2328	1	5	17	2756	2740	-23	3	18	964	951	-9	9	18	1745	1616
-5	9	16	2611	2631	3	5	17	2998	3087	-17	3	18	1469	1473	-7	9	18	2564	2599
-3	9	16	1587	1539	5	5	17	1612	1546	-15	3	18	1724	1804	-5	9	18	2235	2271
1	9	16	2110	2129	9	5	17	1528	1568	-13	3	18	1514	1550	-1	9	18	1121	1074
3	9	16	2595	2545	-22	8	17	626	600	-9	3	18	1569	1398	1	9	18	1806	1814
5	9	16	1619	1665	-18	8	17	684	559	-7	3	18	2652	2823	-14	10	18	739	751
-6	10	16	888	838	-16	8	17	1193	1206	-5	3	18	2006	1921	-8	10	18	749	737
-4	10	16	834	718	-14	8	17	1477	1418	-1	3	18	1022	1014	-6	10	18	868	905
2	10	16	777	791	-12	8	17	825	638	1	3	18	1489	1514	-27	1	19	719	721
-25	1	17	950	1019	-8	8	17	1296	1319	3	3	18	1152	1274	-25	1	19	1621	1575
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-21	1	17	1102	1	-4	8	17	1373	1348	-24	4	18	1028	1031	-21	1	19	981	1002
-17	1	17	1865	1	0	8	17	1019	1079	-22	4	18	978	905	-19	1	19	897	800
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-7	1	17	3832	3822	-14	10	17	1606	1635	-8	4	18	1798	1993	-9	1	19	1984	2028
-5	1	17	3618	3604	-12	10	17	1015	999	-6	4	18	1837	1801	-7	1	19	2823	2938
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-1	1	17	1109	1091	-6	10	17	1929	1966	0	4	18	936	911	-1	1	19	1418	1374
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9	1	17	1192	1263	-26	0	18	1545	1524	-25	5	18	823	971	-9	3	19	244	231

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H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL	H	K	L	FOBS	FCAL
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-24	4	19	1842	1786	-17	1	20	1164	1116	-15	1	21	1395	1361	-7	1	24	708	538
-22	4	19	1596	1526	-15	1	20	1251	1356	-9	1	21	919	944	-1	1	24	684	663
-18	4	19	1572	1675	-13	1	20	873	740	-7	1	21	842	839	1	1	24	916	765
-16	4	19	2748	2821	-9	1	20	910	845	-24	4	21	1446	1431	-9	3	24	711	680
-14	4	19	2420	2548	-7	1	20	802	866	-22	4	21	812	879	-7	3	24	964	768
-12	4	19	845	935	-5	1	20	860	565	-18	4	21	1204	1200	-1	3	24	789	738
-10	4	19	1079	1054	-27	3	20	689	659	-16	4	21	1761	1721	-10	4	24	724	758
-8	4	19	2447	2396	-25	3	20	797	933	-14	4	21	1244	1243	-8	4	24	765	787
-6	4	19	2762	2868	-23	3	20	1038	983	-8	4	21	737	955	-2	4	24	781	646
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-21	5	19	957	907	-26	4	20	862	808	-7	5	21	876	853	-11	1	25	1019	1103
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-26	0	20	2023	1936	-14	8	20	842	818	0	4	23	1229	1221	-7	1	26	703	585
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